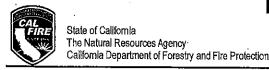
### NOTICE OF EXEMPTION



PROJECT TITLE	JDSF Road 540 Maintenance and Pygmy Habitat Restoration Project	t	
PROJECT LOCATION	Jackson Demonstration State Forest Fort Bragg, CA 95437	COUNTY	Mendocino
LEAD AGENCY	California Department of Forestry and Fire Protection (CAL FIRE)		
CONTACT	Mike Powers, Forester III	<del></del>	
Address	CALFIRE Jackson Demonstration State Forest 802 North Main Street Fort Bragg, CA 95437	Phone	(707) 964-5674

#### PROJECT DESCRIPTION

Jackson Demonstration State Forest (JDSF) occupies an area of approximately 48,652 acres within Mendocino County, California. Within the boundaries of JDSF is an existing road system that is approximately 450 miles in length. Road 540 has not been adequately maintained because it has not been part of a timber harvest operation and is not permanently open to the public for vehicle traffic.

This project is intended to address ongoing impacts due to lack of adequate road drainage structures, maintain the road in a condition that is readily useable during the dry periods of the year and restore areas of existing road/user built trails back to native pygmy habitat vegetation. This project proposes to install new drainage structures in the form of 21 rolling dips at a frequency of 200-250 feet apart to minimize the diversion of water for long distances and minimize erosion potential. These new rolling dips will be constructed by importing road rock base to build up the road surface to create the high point to move water off the road and creating a small outlet just off the road for water to flow. In addition to the installation of the rolling dips there is one short segment of road (approx. 400 feet length) will require that the road surface be reconstructed using a combination of locally sourced fill, primarily from the road cut bank and imported road base rock to create a functional road surface. This project also includes the restoration of areas that are devoid of pygmy habitat (existing road surfaces and user built trails) by passively encouraging natural re-vegetation. This will involve the installation of adequate drainage structures (waterbreaks) and the placement of large woody material on the bare surfaces. The woody material will be sourced from the clearing of encroaching trees and vegetation into the road prism of Road 540.

EXE	MPHON STATUS	
$\boxtimes$	Categorical Exemption Type/Section: Class 1 and 4	
	Statutory Exemption (state code section):	
	Ministerial (§21080(b)(1); 15268)	•
	Declared Emergency (§21080(b)(3); 15269(a))	
	Emergency Project (§21080(b)(4); 15269(b)(c))	,

REASONS PROJECT IS EXEMPT: This project fits under portions of two classes of Categorical Exemptions to CEQA: Class 1 (Existing Facilities) and Class 4 (Minor Alterations to Land). Most of the project activities will occur within previously disturbed areas. The areas where new ground disturbing activities might occur are limited and are best described as minor in scope.

Field review by CAL FIRE staff confirmed that no exceptions apply which would preclude the use of a Notice of Exemption for this project. The Department has concluded that no significant environmental impact would occur to aesthetics, agriculture and forestland/timberland, air quality, biological resources, cultural resources, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use planning, mineral resources, noise, population and housing, public services, recreation, transportation/traffic, or to utilities and service systems. Documentation of the environmental review completed by the Department is kept on file at JDSF Offices in Fort Bragg.

DATE RECEIVED FOR FILING

Governor's Office of Planning & Research

JUL 25 2019 STATE CLEARINGHOUSE

Matthew Reischman, Assistant Deputy Director'

Resource Protection and Improvement

California Department of Forestry and Fire Protection



Michael Powers

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Author:

# California Department of Forestry and Fire Protection Environmental Review Report for an Exempt Project

Note: This report form is intended for use by California Department of Forestry and Fire Protection (CAL FIRE) staff to document a limited environmental impact analysis supporting the filing of a Notice of Exemption (NOE) document for a proposed CAL FIRE project. Although the project appears to fit within the descriptions for allowable Categorical Exemptions, this report presents CAL FIRE's review for possible "Exceptions" that would preclude finding the project to be categorically exempt as discussed in CEOA Guidelines Section 15300.2. This report will be filed with the CEOA administrative record for this project to document the environmental impact analysis conducted by the Department.

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Title:	Forester III
Address:	Mendocino Unit JDSF, 802 North Main Street, Fort Bragg, CA 95437
Phone:	(707) 964-5674 State of the Samuel of State of the State
Email:	mike.powers@fire.ca.gov 1.3 18 16 16 16 16 16 16 16 16 16 16 16 16 16
Project Na	me: JDSFRoad 540 Maintenance and Pygmy Habitat Restoration
Project Nu	1 No. 1
Program T	
CAL FIRE	
Chiline	Recreation.
County:	Mendocino in a la sed especial de la transportação de la transportação de la seda de la transportação de la composição de la
Acres:	+/- 3.8 acre
Legal Loca	ation: Portions of Sections 31, 32, 33, T18N R17W, MDB&M Portions of Sections 4, 5, T17N R17W,
	MDB&M.
Name of U	JSGS 7.5'Quad Map(s): Fort Bragg and Mendocino. As a state of the second
│ ⊠Project	Vicinity Map Attached Project Location Map Attached Photos Attached
1 1 1 W	and the property of the state of the experience of the experience of the second of the
Other Pul	blic Agency Review/Permit Required: 2022/2023/2023/2023/2023/2023/2023/2023
Would the	project result in the state of the state of the project result in the state of the
Alterati	ions to a watercourse (DFW - Lake and Stream Alteration Agreement)
	sion of timberland (CAL FIRE - Conversion Permit or Exemption)
Demoli	ition (Local Air District - Demolition Permit)
Soil dis	ition (Local Air District - Demolition Permit) sturbance over 1 acre (RWQCB - SWPPP)
1 -	possible wetlands (404 Permit - USACE)
Other:	
Discuss an	ny above-listed topic item checked Yes and consultation with agencies:
F 17 19 4	the state of the s
	no proposed work within any watercourse bed, bank or channel or within 50 feet of a
watercours	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	a distance Maghiner
Project D	escription and Environmental Setting (Describe the project activities, project site and its surroundings, its
location, a	and the environmental setting):
Tackson D	Demonstration State Forest (JDSF) occupies an area of approximately 48,652 acres within Mendocino County
California	. Within the boundaries of JDSF is an existing road system that is approximately 450 miles in length. Road 540 ha
	dequately maintained because it has not been part of a timber harvest operation and is not permanently open to the
	vehicle traffic.

This project is intended to address ongoing impacts due to lack of adequate road drainage structures, maintain the road in a condition that is readily useable during the dry periods of the year and restore areas of existing road/user built trails back to native pygmy habitat vegetation. Road 450 has been constructed in such a manner that the road surface is mostly below the natural grade of the surrounding ground. As such road drainage is not adequate to disperse road runoff to minimize concentration of water and erosion. This project proposes to install new drainage structures in the form of 21 rolling dips at a frequency of 200-250 feet apart to minimize the diversion of water for long distances and minimize erosion potential. These new rolling dips will be constructed by importing road rock base to build up the road surface to create a high point to move water off the road to a small outlet just off the road for water to flow.

4.003

In addition to the installation of the rolling dips there is one short segment of road (approx. 400 feet length) that will be reconstructed using a combination of locally sourced fill, primarily from the road cut bank and imported road base rock to

create a functional road surface.

This project also includes the restoration of areas that are devoid of pygmy habitat (existing road surfaces and user built trails) by passively encouraging natural re-vegetation. This will involve the installation of adequate drainage structures (waterbreaks) and the placement of large woody material on the bare surfaces. The woody material will be sourced from the clearing of encroaching trees and vegetation into the road prism of Road 540.

## **Environmental Impact Analysis**

Aesthetics
This topic does not apply to this project and was not evaluated further.
This topic could apply to this project, and results of the assessment are provided below:
Aesthetics will temporarily be changed from the maintenance of the roads and habitat restoration, but impacts would
not be significant.
Long the seal Dead with the Control of the Control
Apriculture and purest resources
This topic does not apply to this project and was not evaluated further.
1 1 468 1/1 140 Would ally 11665 be lefted: 11 365, dispuss protection of negating of the title of the first
Yes No Would the project result in the conversion of forest land or timberland to non-forest use?
☐ This topic could apply to this project, and results of the assessment are provided below:
n vi
The road maintenance/habitat restoration work will not have a significant impact to nesting birds as no trees will be
removed and minor vegetation will be impacted. The road decommissioning will not convert prime or unique
farmland, or convert forest/timberland to non-forest use. Impacts would be less than significant.
West of the second of the seco
Air Quality
This topic does not apply to this project and was not evaluated further.
X Yes No The local Air Quality Management District guidelines for dust abatement and other air quality concerns were
1 IXI I his topic could apply to this project, and results of the assessment are provided below.
the result of the state of the
The road maintenance/habitat restoration work will not create significant fugitive dust conditions that would be
subject to Rules 1-400(a), 1-430(a) and 1-1430(b) of the Mendocino County Air Quality Management District.
Angelia to the segmentation of the second of
Biological Resources  This topic does not apply to this project and was not evaluated further.
This topic does not apply to this project and was not evaluated further.
1 1 1 CO N/140 44 HI BIO DIGION DOMININI ANNA CASA CASA CASA CASA CASA CASA CASA
Yes No Was a current NDDB review completed? Results discussed below:
Yes No Was a biological survey of the project area completed? Results discussed below:
This topic could apply to this project, and results of the assessment are provided below:
The state of the s
Disturbance to natural vegetation will be minimized as the work will be conducted on existing roads with limited
disturbance beyond the road prisms. The installation of the road drainage will require disturbance of 30-50 square
feet of vegetation and ground outside of the road prism to allow for adequate water drainage. Other vegetation
disturbance is needed to maintain adequate clearances of the existing roadway. No widening or alteration of the
existing road prism is proposed. All other soil and vegetation disturbances is limited to existing roads. A botanica
survey report has been prepared for the proposed project. See attached table of species considered in the CNDDB
Impacts would be less than significant:
"我们们的好好,我们还有一点,我们的妈妈看到我们的话,这是一个大大大手说的。" 网络人名 网络维尔特人名英格兰特尔

JDSF Road 540 Maintenance and Pygmy Habitat Restoratio an Exempt Project	n Project - Environmental Review Report Form (ERRF) Supporting 3
Cultural Resources	
_	and A Court on
This topic does not apply to this project and was not eval	
Yes No Was a current archaeological records chec	
Yes No Was a CAL FIRE Staff or Contract Archa	eologist consulted? Results discussed below:
Yes No Was an archaeological survey of the projection	ect area completed? Results discussed below:
Yes No Will the project effect any historic buildir	
This topic could apply to this project, and results of the a	ssessment are provided below:
Survey Report was prepared for this project (July 3, 20 involve below-the-ground disturbance within existing re (roadway, adjacent area, and on small mid-slope terresources were found during the surveys. There is n	pleted for the entire JDSF ownership and an Archeological 19). The road maintenance and habitat restoration work will bad prisms. A survey was conducted within the project area races and stream channels near the roadway). No cultural to expected disturbance to any identified archaeological or cal or historical resource expected due to the proposed work.
Individual response of a large of a polymer distribution in	
Geology and Sons	and the second of the second o
This topic does not apply to this project and was not eval	uated further.
This topic could apply to this project, and results of the a	ssessment are provided below
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	not result in substantial adverse effects from an earthquake
fault, landslides, or result in substantial soil erosion.	and the second of the second o
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Greenhouse Gas Emissions	itet marie es area elle mes ar temper e la <del>glacie de carrier e a la cape de la p</del> ersona
1 CITEMING COND SOUND SOUND	
This topic does not apply to this project and was not eval	datod in thei,
Yes No Would the project generate significant gro	eenhouse gas (GHG) emissions?
Yes No Would these GHG emissions result in a s	ignificant impact on the environment? Discuss below:
I I I I ES INI NO WOULD THE DEDICEL CONTREL WITH AN ADDITE	
	able plan, policy or regulation adopted for the purpose of reducing
the emissions of greenhouse gases? Discuss below:	် ကို သင် ကြီးမျိုး မရှားမှ နှင့် သောရိုးရ
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the emissions of greenhouse gases? Discuss below:  Sources of GHG emissions from this project include it The implementation of this project will involve the use approximately 1.45 miles of road length and 3.8 acres in over 4-6 weeks spanning 1-2 years. The GHG emissions approximately 30.0 metric tons CO2e. The significance established by the California Air Pollution Control (combined construction and operational emissions). It equipment for this project is below this threshold.  Greenhouse Gas Greenhouse gas emissions (GHG) calculations are based on work sites and heavy equipment operation. Calculations are 1. Transportation: Utility Vehicles  Project completed in 24 days  Average round trip distance: 50 miles/day for 24 du 1. Utility Vehicle 2,400 miles / 11 miles per gallon = (x2):  219 gallons gas x 8.91 kg CO2/gal. = 1,951 kilograms CO2e 1,951 kilograms CO2e + 1000 kg/metric ton = 2.0 metric to 1. Heavy Equipment: Excavator and Tractor  Heavy equipment: Excavator and Tractor  Heavy equipment: excavator and Tractor  Heavy equipment operations portion of the project hours/day = 336 hours	he emissions from gas and diesel engine powered equipment, of excavator, tractor and utility vehicles. The project area is a area. The implementation of the project will to be completed issions released by project activities are anticipated to be threshold CAL FIRE uses to determine significance has been Officers Association as 900 tons/year for indirect sources t is estimated that emissions associated with the operation of Emissions Calculations estimates of diesel/gas fuel consumed by traveling to and from the edetailed below.  219 gallons 219 total gallons gas

1,344 gallons

168 hours x 8 gallons /hour=

JDSF Road 540 Maintenance and Pygmy Habitat Restoration Project - Environmental Review Report Form (ERRF) Supporting an Exempt Project 168 hours x 8 gallons /hour= Excavator Use: 400 miles / 6 miles per gallon = 67 gallons Transport: 2,755 total gallons diesel 2,755 gallons diesel x 10.15 kg CO<sub>2</sub>/gal. = 27,963 kilograms CO<sub>2</sub>e 27,963 kilograms CO<sub>2</sub>e ÷ 1000 kg/metric ton = 28.0 metric tons CO<sub>2</sub>e for the portion of the project completed by heavy equipment operations. William Berger Berger and the Control of the Contro Emissions from project activities: 2.0 metric tons CO2e (operator transportation) + 28.0 metric tons CO2e (heavy equipment operations) = 30.0 metric tons CO2e Conversion Factors I metric ton = 1000 kilograms' 1 gallon diesel = 10.15 kilograms CO<sub>2</sub> 1 gallon gas = 8.91 kilograms CO<sub>2</sub> 1 ton = 0.907185 metric tonsOne ton carbon = 3.67 tons  $CO_2$ . Hazards and Hazardous Materials This topic does not apply to this project and was not evaluated further. This topic could apply to this project, and results of the assessment are provided below: The road maintenance/habitat restoration work will not result in any hazards or hazardous materials. The order defends against the Marie who was a state of a some of the second or who will be the Hydrology and Water Quality This topic does not apply to this project and was not evaluated further. Yes No. Will the project potentially affect any watercourse or body of water? This topic could apply to this project, and results of the assessment are provided below: The road maintenance/habitat restoration work avoids watercourses and will not result in significant impacts to any watercourse or body of water marginary and related the related time. All may be recovered a result of the same of such security Land Use and Planning with the project and was not evaluated further.

This topic does not apply to this project, and results of the assessment are provided below: No impacts would occur to land use and planning. Mineral Resources This topic does not apply to this project and was not evaluated further. This topic could apply to this project, and results of the assessment are provided below: No impacts would occur to mineral resources. Noise This topic does not apply to this project and was not evaluated further. This topic could apply to this project, and results of the assessment are provided below:

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Population and Housing  This topic does not apply to this project and was not evaluated further.	var til er	Secretary Section	14,14
This topic does not apply to this project and was not evaluated further.		a result to	rest in
This topic could apply to this project, and results of the assessment are provide	d below:	or in the figure of the	1.48 T. 1
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No impacts would occur to population and housing.	<u> </u>	<u> </u>	

Noise associated with the road maintenance/habitat restoration work will be limited to small areas and will be

temporary. No significant impacts would occur.

Public Services	
This topic does not apply to this project and was not evaluated further.	1848 A 38 1 1 1 1
This topic does not apply to this project, and regults of the aggregament are	The Adams of Marines and the Adams
This topic could apply to this project, and results of the assessment are	provided below:
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No impacts would occur to public services.	the second control of the second of the second of the second
to the country are always or bearing the algerial and the straight	in the second through the second the extreme training and the second training the second people of the second t The second training the engineering of the second training training to the second training training training t
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This topic does not apply to this project and was not evaluated further.	[1] [[[] [[] [[] [[] [[] [] [] [[] [] [] [
	manded that aver
This topic could apply to this project, and results of the assessment are	
The proposed road maintenance/habitat restoration work will not have	of bankanah in 11887 (1) Ash 1 an incomband the
The proposed road maintenance/habitat restoration work will not have	ve a significant impact to recreation. Some of the
habitat restoration areas are on "user built trails" and will shift recre	eational use of these unsanctioned trails back onto
the existing Road 540.	THE CONTROL OF THE CO
THE CAMPING TORREST TORREST	TRANSPORT OF THE PROPERTY OF T
min A. A. Simo - Atti-	
Transportation/Traffic	SZ 13. Um. Ann a system of the state of the
This topic does not apply to this project and was not evaluated further.	
This topic could apply to this project, and results of the assessment are	e provided below:
the control of the control of polycomerators who a sensitive program of the control of the contr	Market of the second of the se
The proposed road maintenance/habitat restoration work will not have	ve a significant impact to traffic.
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Utilities and Service Systems	- 1930 - 293 - 2011 - 新州市 1930 - 1930 - 1930 - 1930 - 1930 - 1930 - 1930 - 1930 - 1930 - 1930 - 1930 - 1930 - 1
This topic does not apply to this project and was not evaluated further.	· State of the sta
This topic could apply to this project, and results of the assessment are	
	5 (SAB)
The proposed road maintenance/habitat restoration work will not have	via any impact to utilities or service systems
The proposed road maintenance/habitat restoration work will not have	ve any impact to number of service systems,
Changes Made to Avoid Environmental Impacts:	
None	
None	VES NO
None  Mandatory Findings of Significance:	YES NO
None  Mandatory Findings of Significance:	
Mandatory Findings of Significance:  (a) Does the project have the potential to degrade the quality of the environment of the second se	vironment, substantially reduce the
Mandatory Findings of Significance:  (a) Does the project have the potential to degrade the quality of the enhabitat of a fish or wildlife species, cause a fish or wildlife population to	vironment, substantially reduce the o drop below self-sustaining levels,
Mandatory Findings of Significance:  (a) Does the project have the potential to degrade the quality of the enhabitat of a fish or wildlife species, cause a fish or wildlife population to	vironment, substantially reduce the o drop below self-sustaining levels,
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Mandatory Findings of Significance:  (a) Does the project have the potential to degrade the quality of the envisation of a fish or wildlife species, cause a fish or wildlife population to threaten to eliminate a plant or animal community, reduce the number endangered plant or animal, or eliminate important examples of the maprehistory?  (b) Does the project have impacts that are individually limited, ("Cumulatively considerable" means that the incremental effects of a proint connection with the effects of past projects, the effects of other coprobably future projects)  (c) Does the project have environmental effects which will cause subbeings, either directly or indirectly?	vironment, substantially reduce the o drop below self-sustaining levels, it or restrict the range of a rare or jor periods of California history or , but cumulatively considerable?   Oject are considerable when viewed current projects, and the effects of bestantial adverse effects on human
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Mandatory Findings of Significance:  (a) Does the project have the potential to degrade the quality of the enhabitat of a fish or wildlife species, cause a fish or wildlife population to threaten to eliminate a plant or animal community, reduce the number endangered plant or animal, or eliminate important examples of the maprehistory?  (b) Does the project have impacts that are individually limited, ("Cumulatively considerable" means that the incremental effects of a print connection with the effects of past projects, the effects of other coprobably future projects)  (c) Does the project have environmental effects which will cause subbeings, either directly or indirectly?  Justification for Use of a Categorical Exemption (discuss why the describe how the project fits the class):  This project fits under portions of two classes of Categorical Exemption	vironment, substantially reduce the o drop below self-sustaining levels, r or restrict the range of a rare or jor periods of California history or , but cumulatively considerable?    Oject are considerable when viewed current projects, and the effects of bestantial adverse effects on human    project is exempt, cite exemption number(s), and ms to CEQA: Class 1 (Existing Facilities) and Class 4
Mandatory Findings of Significance:  (a) Does the project have the potential to degrade the quality of the enhabitat of a fish or wildlife species, cause a fish or wildlife population to threaten to eliminate a plant or animal community, reduce the number endangered plant or animal, or eliminate important examples of the maprehistory?  (b) Does the project have impacts that are individually limited, ("Cumulatively considerable" means that the incremental effects of a proin connection with the effects of past projects, the effects of other oppobably future projects)  (c) Does the project have environmental effects which will cause subbeings, either directly or indirectly?  Justification for Use of a Categorical Exemption (discuss why the describe how the project fits the class):  This project fits under portions of two classes of Categorical Exemption (Minor Alterations to Land). Most of the project activities will occur with the project act	vironment, substantially reduce the o drop below self-sustaining levels, it or restrict the range of a rare or all or periods of California history or but cumulatively considerable?  Oject are considerable when viewed current projects, and the effects of bestantial adverse effects on human  project is exempt, cite exemption number(s), and insto CEQA: Class 1 (Existing Facilities) and Class 4 ithin previously disturbed areas. The areas where new
Mandatory Findings of Significance:  (a) Does the project have the potential to degrade the quality of the enhabitat of a fish or wildlife species, cause a fish or wildlife population to threaten to eliminate a plant or animal community, reduce the number endangered plant or animal, or eliminate important examples of the maprehistory?  (b) Does the project have impacts that are individually limited, ("Cumulatively considerable" means that the incremental effects of a print connection with the effects of past projects, the effects of other coprobably future projects)  (c) Does the project have environmental effects which will cause subbeings, either directly or indirectly?  Justification for Use of a Categorical Exemption (discuss why the describe how the project fits the class):  This project fits under portions of two classes of Categorical Exemption	vironment, substantially reduce the o drop below self-sustaining levels, it or restrict the range of a rare or all or periods of California history or but cumulatively considerable?  Oject are considerable when viewed current projects, and the effects of bestantial adverse effects on human  project is exempt, cite exemption number(s), and insto CEQA: Class 1 (Existing Facilities) and Class 4 ithin previously disturbed areas. The areas where new

### Conclusion:

After assessing potential environmental impacts and evaluating the description for the various classes of Categorical Exemptions to CEQA, CAL FIRE has determined that the project fits within one or more of the exemption classes and no exceptions exist at the project site which would preclude the use of this exemption. The Department considered the possibility of (a) sensitive location, (b) cumulative impact, (c) significant impact due to unusual circumstances, (d) impacts to scenic highways, (e) activities within a hazardous waste site, and (f) significant adverse change to the significance of a historical resource. A Notice of Exemption will be filed at the State Clearinghouse.

After assessing potential environmental impacts and evaluating the description for the various classes of Categorical Exemptions to CEQA, CAL FIRE has determined that the project does not fit within the description for the various exemption classes of has found that exceptions exist at the project site which precludes the use of a Categorical Exemption for this project. Additional environmental review will be conducted and the appropriate CEQA document used may be a Negative Declaration or a Mitigated Negative Declaration.

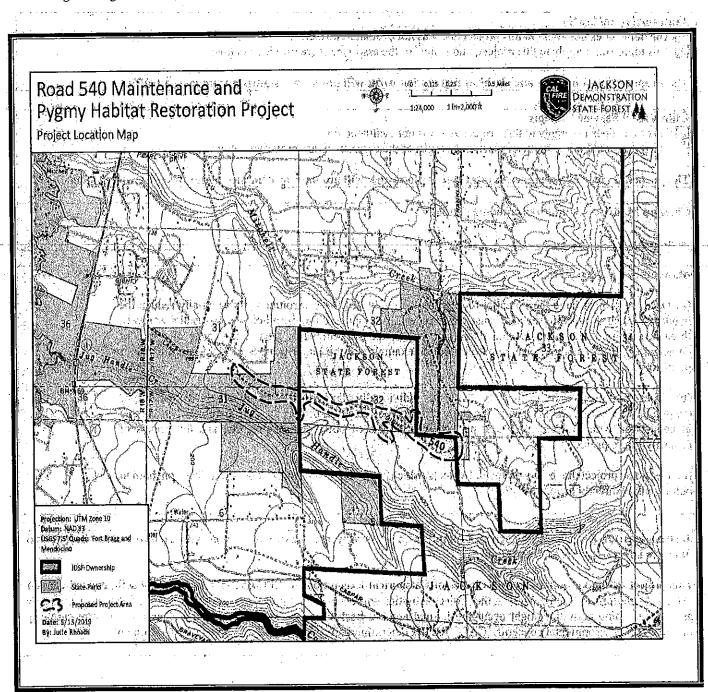


Figure 1. Project Overview Map.

FY	(All)				
Sum of DOLLAR AMOUNT	JNT	GL_ACCT_NO	-		
Project Name	PCA: NO	PCA: NO 6150 Encumbered 6220 Budget	6220 Budget	9000 Expended	Grand Total
San Mateo - Santa Cruz 88105	88105		\$ 80,000.00	\$ 24,497.95	24,497.95   \$ 104,497.95
	88305	\$ 25,171.46	25,171.46 \$ 12,055,000.00	\$ 1,847,208.54	1,847,208.54 \$ 13,927,380.00
Grand Total		\$ 25,171.46	25,171.46 \$ 12,135,000.00	₩.	1,871,706.49 \$ 14,031,877.95
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_	6150 Encumbered
	9000 Expended
	6220 Budget
_	GL_ACCT_NO

**OBJECT\_DETAIL**831 P
836 WD
841 C

CATEGORY

Operationg Expenses Special Items Personal Services

Capital Outaly

